



MFGRS. PLASTIC FILMS

MONO-SOL CORPORATION

407 COUNTY LINE ROAD

GARY, INDIANA

November 3, 1960

PHONE YELLOWSTONE 8-1165

*which just
re-inforced that you
are actually doing
a "some" of product
in production*

Dr. John J. Lederberg
Department of Genetics
Stanford University
Palo Alto, California

Dear Dr. Lederberg:

Your extremely interesting letter to Mr. Raymond who is in charge of our sales, has been referred to the writer as I have been very active in polyvinyl alcohol (PVA) film for many years. For your information, we are manufacturers of PVA film of several types. First, we manufacture what we call our standard PVA film which is made from a high molecular weight PVA resin and is plasticized with about 18% Glycerine. This product is used extensively through out the United States and Canada by nearly every airplane manufacturer as a release agent in molding epoxy resins. This film is cast with a glossy finish on one side and a satin finish on the opposite side in order to give slip to the film and facilitate handling. A sample is attached to this letter. You can get optical clarity with this film by applying a little oil to the satin finish, or if you use some type of adhesive with a correct refractive index you could, likewise, get optical clarity. This is a production item with us and is manufactured in rolls fifty-four inches wide, in thickness of mil, mil and a half, two, three, four, five, six, eight, and twelve/thousandths of an inch. Enclosed you will find price list on material available.

We also make a cold water soluble (CWS) packaging PVA film which is made from an ethoxylated PVA resin and this material is internally plasticized. This product is manufactured in mil and a half, two and three mil thickness.

We also make an optically clear PVA film in mil and a half thickness which is used extensively by the Polaroid Corporation to make polarizing screens. Sample of which is enclosed. Optical film finger marks very readily; therefore, should be handled with cotton gloves. PVA film has a tendency to curl when exposed to a difference in relative humidity; however, this can be corrected by lamination to glass or some rigid type of plastic.

It is very difficult to cover satisfactorily the entire field of PVA film in a letter and the above is just a resume of the products we make. There are ten different types of standard PVA resins, from high to low viscosity. Also the CWS packaging film which is used as a packaging material. We can tailor PVA film to meet almost any condition; hence, believe that after we are more familiar with your problems that we can

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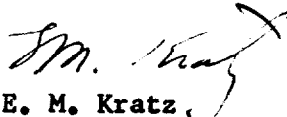
Dr. John J. Lederberg

be of assistance to you. We have an experimental band casting machine and can make small laboratory samples. Your very learned paper was greatly appreciated and we sincerely hope that we can be of service to you.

For your information, the writer is classified top secret and our plant has been classified for secret work. Looking forward to your reply with interest.

Very truly yours,

MONO-SOL CORPORATION


E. M. Kratz
Vice President

EMK:bm
encl.

cc: E. E. Raymond